GAU-2714

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark Rapaich

Title: DIGITAL YUV VIDEO EQUALIZATION AND GAMMA CORRECTION

Docket No.: 450.221US1
Filed: December 21, 1998
Examiner: Paulos Natnael

Serial No.: 09/217,873
Due Date: June 1, 2000
Group Art Unit: 2714

Assistant Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

X A return postcard.
X An Amendment and Response (5 Pages).

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 50-0439.

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described above, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this 30th day of May, 2000.

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(GENERAL)

S/N 09/217,873 PATENT

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AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Applicant has reviewed the Office Action mailed March 1, 2000. Please amend the application as follows:

IN THE CLAIMS

Please amend the claims as follows:

1. [Amended] A personal computer system comprising:

a video source capable of providing a digital YUV video signal;

a video output capable of connecting to a video display device;

a digital processor employing a corrective algorithm that [corrects] applies gamma correction to the digital YUV signal provided by the video source and provides a corrected signal to the video output.

2. [Amended] The personal computer of claim 1 [where the correction] wherein the digital processor further employs a corrective algoritm that corrects at least one of [is selected from the group consisting of gamma correction,] color saturation correction, tint correction, brightness correction and contrast correction.

6. [Amended] A process comprising the steps of:

receiving a YUV digital video signal;

[correcting] applying gamma correction to the digital YUV signal within a personal computer; and

providing a corrected digital YUV signal to an output for connection to a display device.